

**Inhibition of Human Melanoma C8161 Colony Forming Ability
by 12 Different Antisense ODNs**

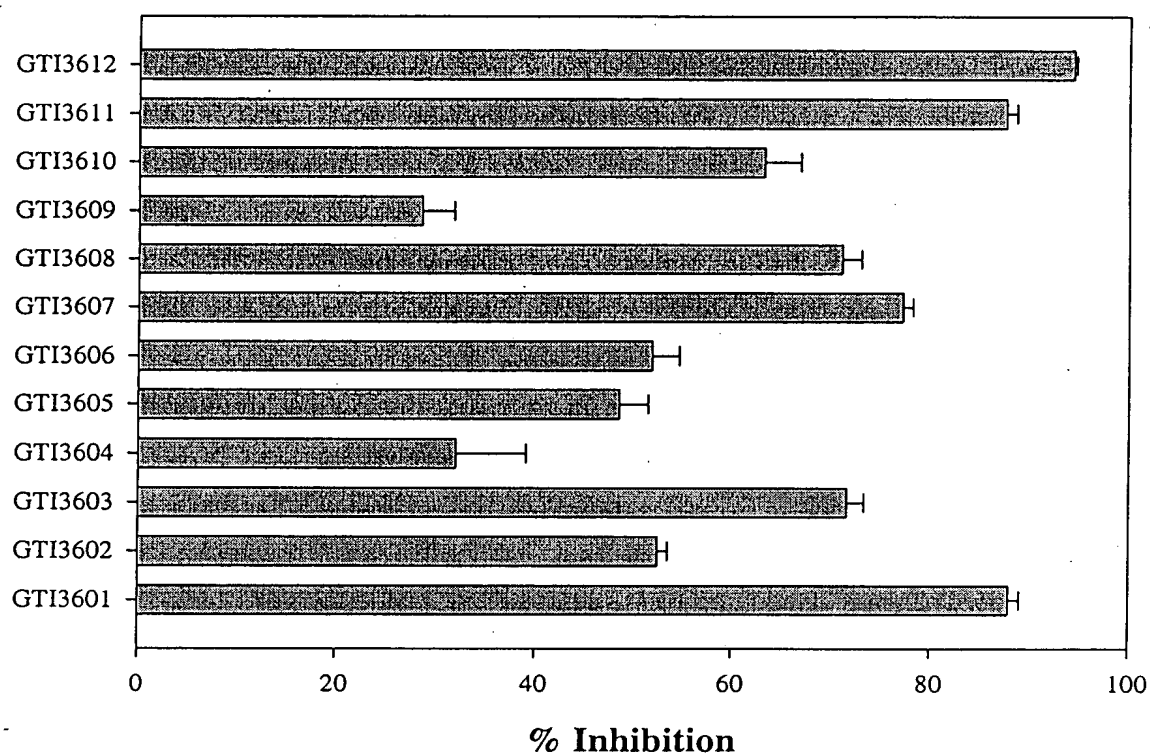


Fig. 1A

**Inhibition of Human Lung Cancer A549 Colony Forming Ability
by 12 Different Antisense ODNs**

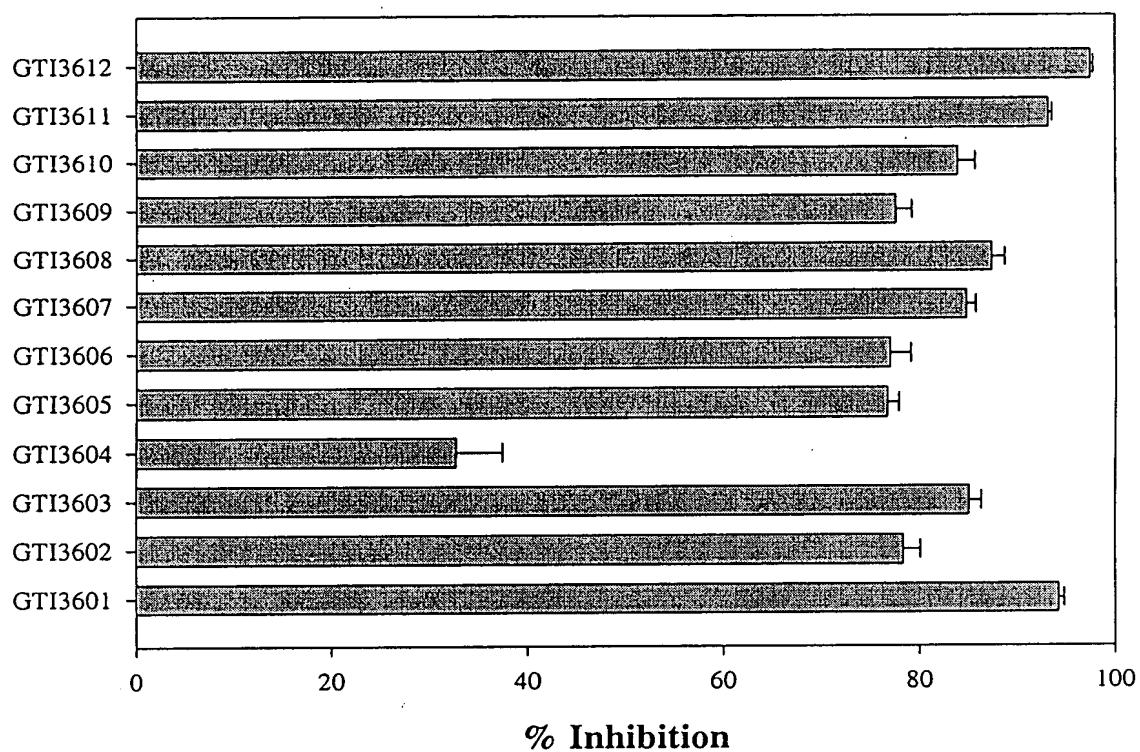


Fig. 1B

**Inhibition of Human melanoma A2058 Colony Forming Ability
by 12 Different Antisense ODNs**

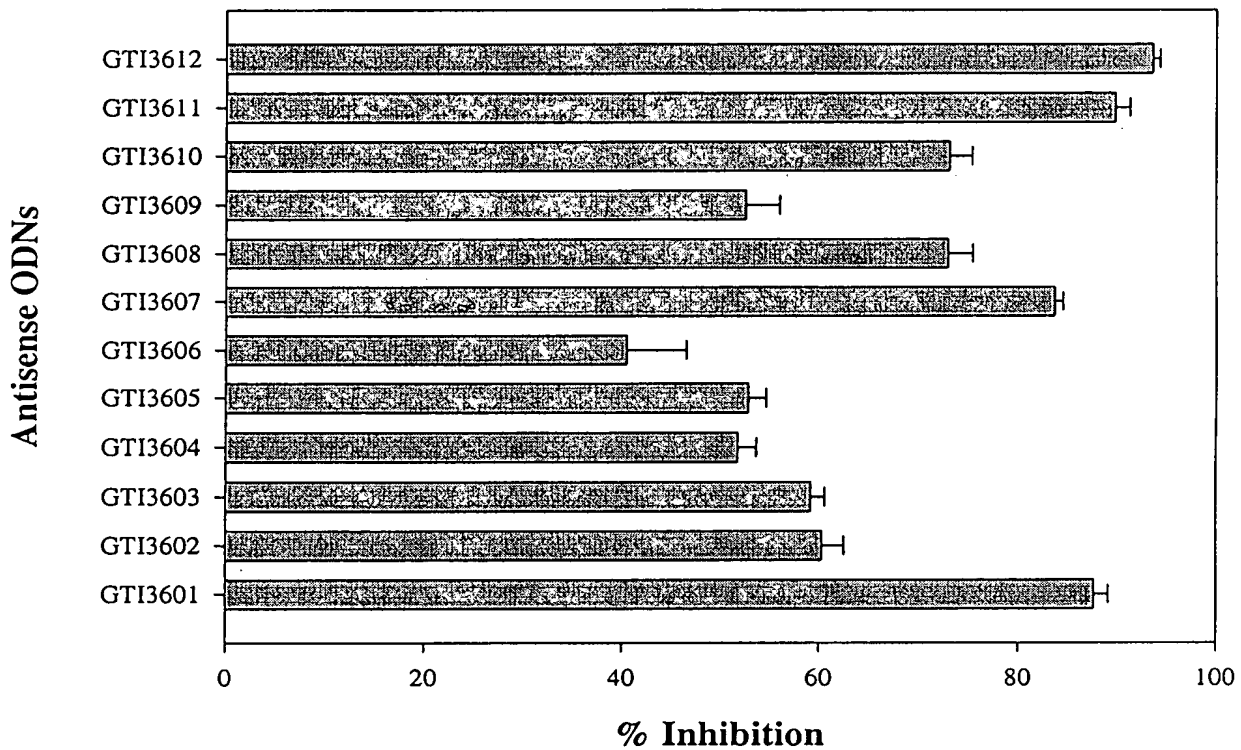


Fig. 1C

**Inhibition of Human Colon Cancer HT-29 Colony Forming Ability
by 12 Different Antisense ODNs**

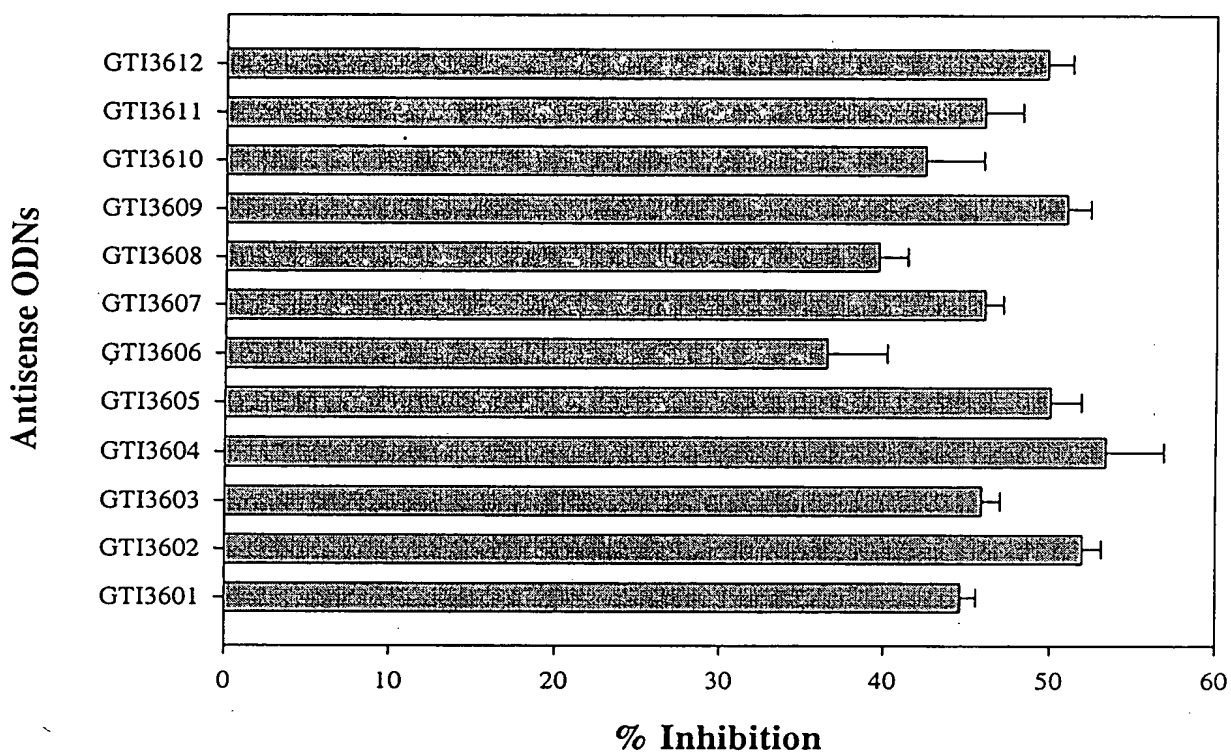


Fig. 1D

**Inhibition of Human Prostate Cancer PC-3 Colony Forming Ability
by 12 Different Antisense ODNs**

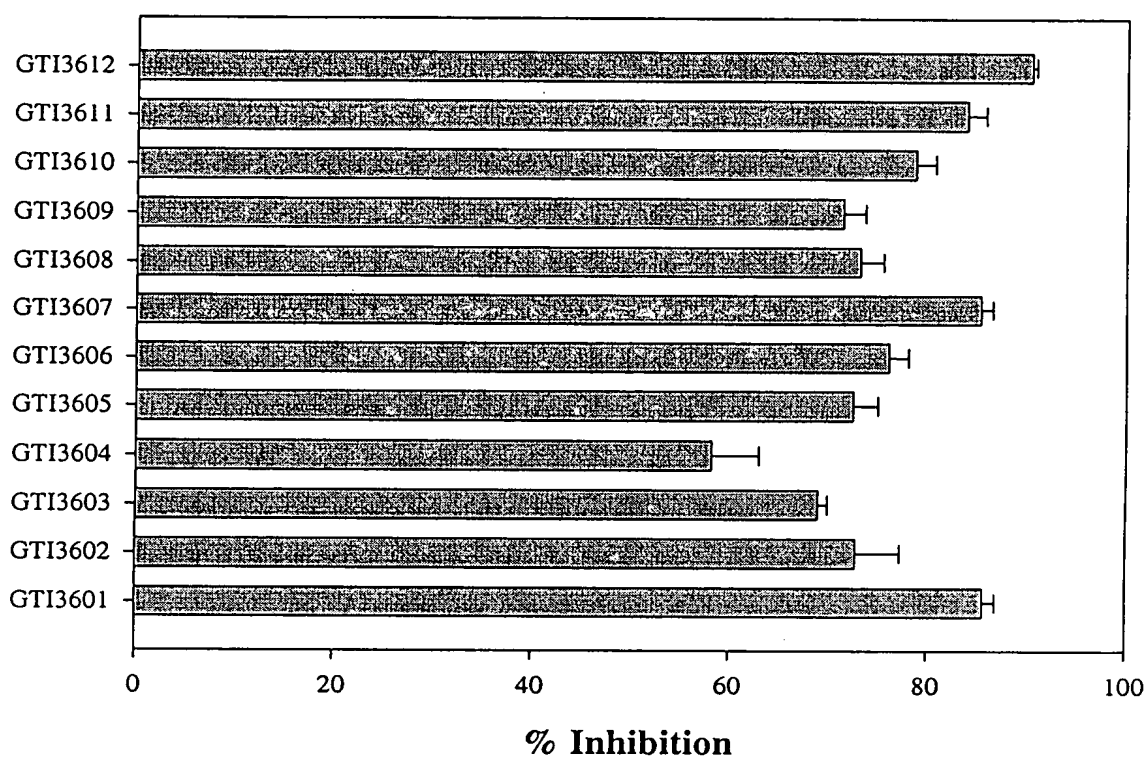


Fig. 1E

**Inhibition of Human Pancreatic Cancer AsPC-1 Colony Forming Ability
by 12 Different Antisense ODNs**

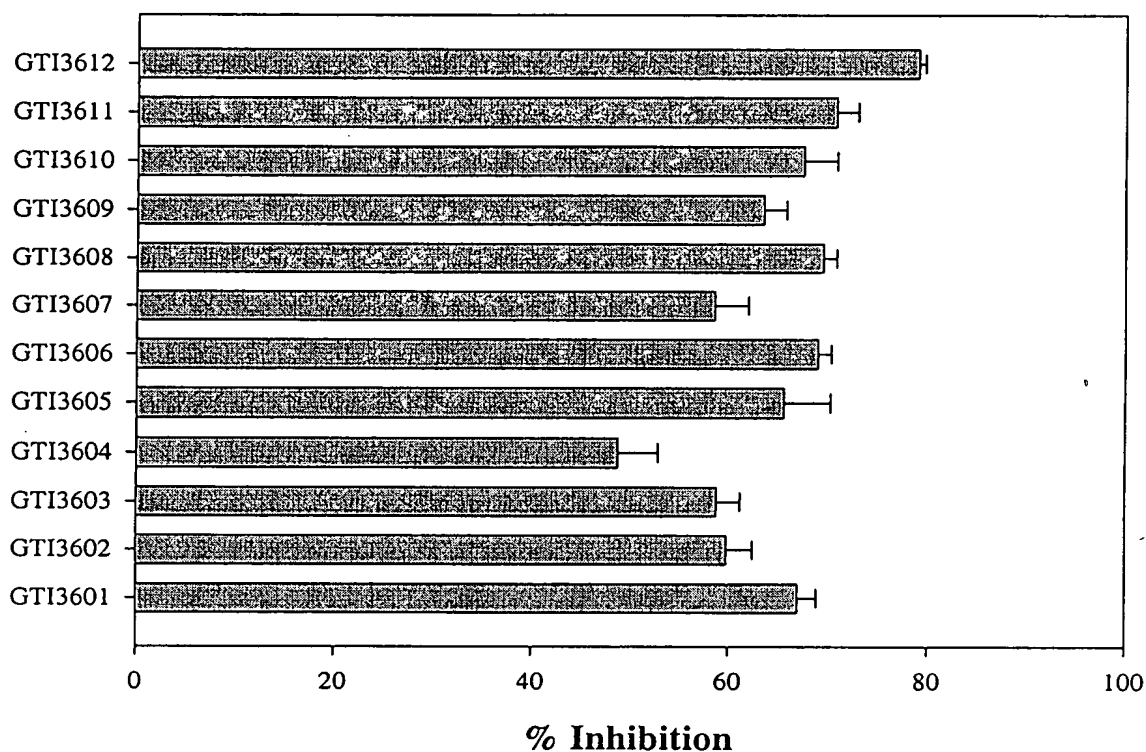


Fig. 1F

**Examples of Decreased mRNA Levels following Treatment
with Antisense ODNs**

Breast Cancer Cells (MDA-MB-231)

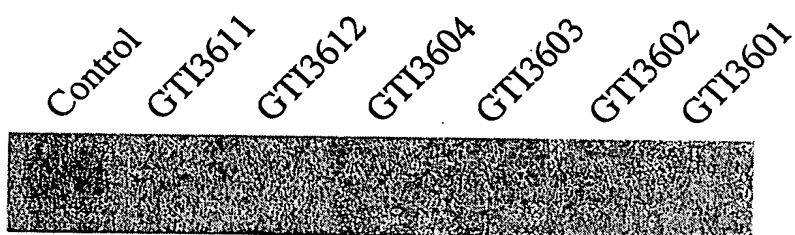


Fig. 2A

Melanoma Cells (A2058)

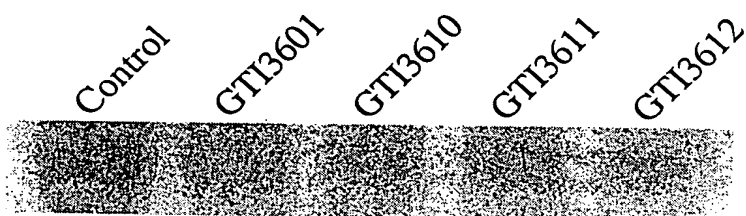


Fig. 2B

Effects of GTI3602 Antisense ODN treatment on Human Tumor Growth in Mice

a

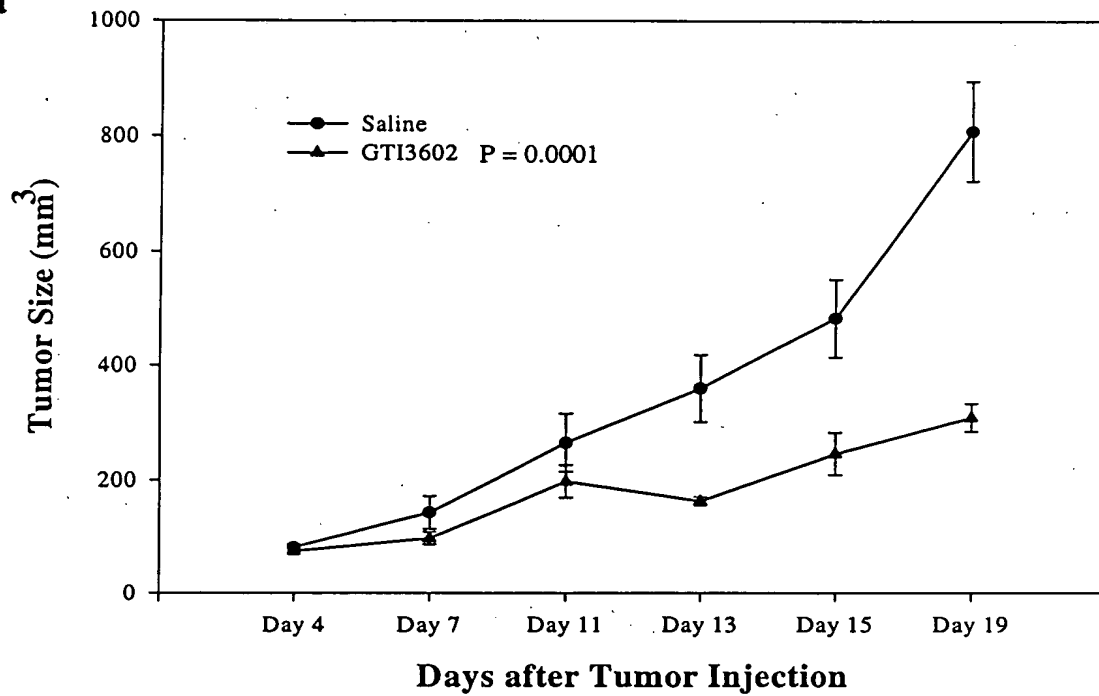


Fig. 3A

b

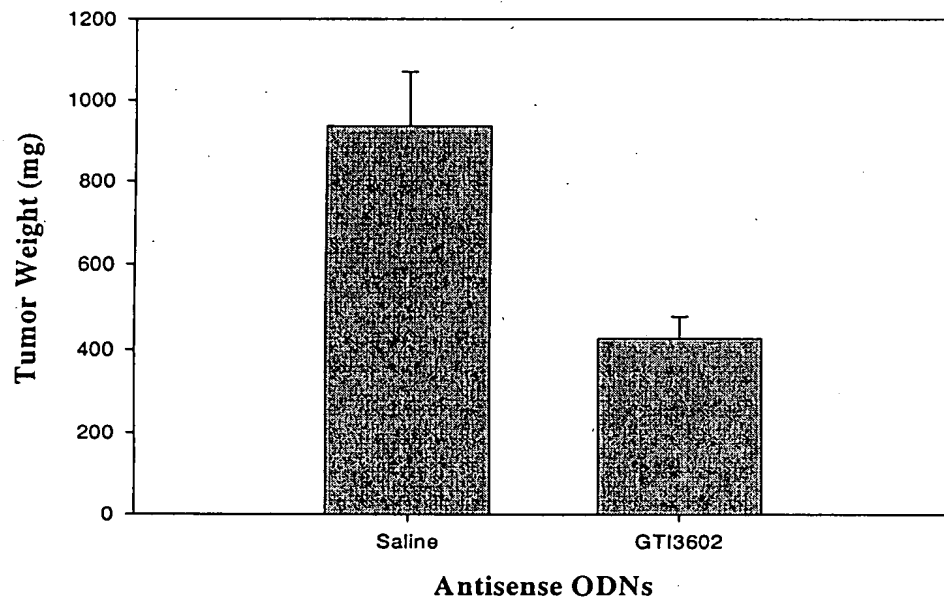


Fig. 3B

Reduction of Tumor Metastases

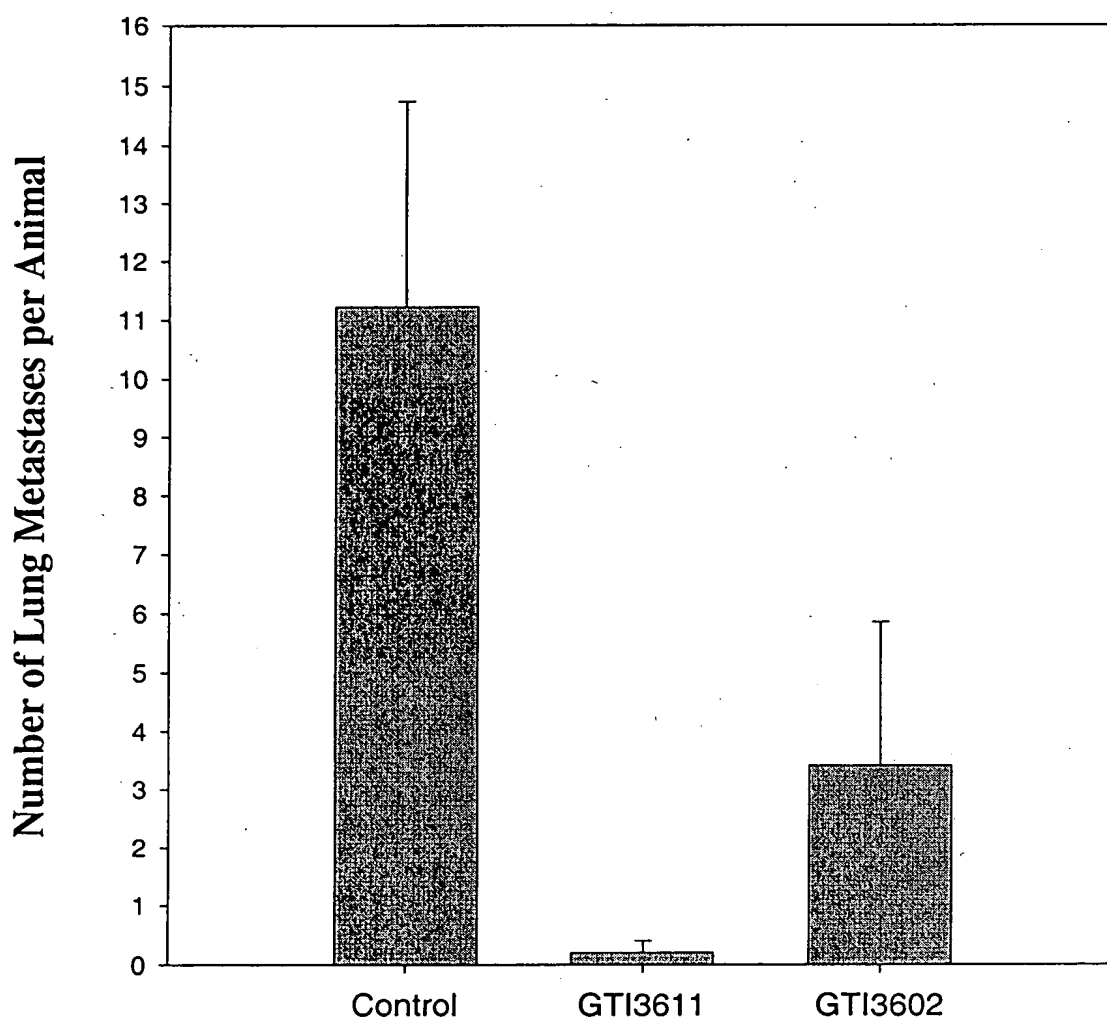


Fig. 4

ATGGAGAGGG	GGCTGCCGCT	CCTCTGCGCC	GTGCTCGCCC	TCGTCTCGC	CCCGGCCGGC	60
GCTTTTCGCA	ACGATGAATG	TGGCGATACT	ATAAAAAATTG	AAAGCCCCGG	GTACCTTACA	120
TCTCCTGGTT	ATCCTCATTC	TTATCACCCA	AGTGAAAAAT	GCGAATGGCT	GATTCAGGCT	180
CCGGACCCAT	ACCAGAGAAT	TATGATCAAC	TTCAACCCCTC	ACTTCGATT	GGAGGACAGA	240
GACTGCAAGT	ATGACTACGT	GGAAGTCTTC	GATGGAGAAA	ATGAAAATGG	ACATTTTAGG	300
GGAAAGTTCT	GTGGAAAGAT	AGCCCCCTCT	CCTGTTGTGT	CTTCAGGGCC	ATTTCTTTTT	360
ATCAAATTTG	TCTCTGACTA	CGAAACACAT	GGTGCAAGAT	TTTCATACG	TTATGAAATT	420
TTCAAGAGAG	GTCTGAATG	TTCCCGAAC	TACACAACAC	CTAGTGGAGT	GATAAAGTCC	480
CCCGGATTCC	CTGAAAAATA	TCCCAACAGC	CTTGAATGCA	CTTATATTGT	CTTTGCGCCA	540
AAGATGTCAG	AGATTATCCT	GGAATTTGAA	AGCTTTGACC	TGGAGCCTGA	CTCAAATCCT	600
CCAGGGGGGA	TGTTCTGTCT	CTACGACCGG	CTAGAAATCT	GGGATGGATT	CCCTGATGTT	660
GGCCCTCACA	TGCGGCGTTA	CTGTGGACAG	AAAACACCCG	GTCGAATCCG	ATCCTCATCG	720
GGCATTCTCT	CCATGGTTTT	TTACACCGAC	AGCGCGATAG	CAAAAGAAGG	TTTCTCAGCA	780
AACTACAGTG	TCTTGACAGG	CAGTGTCTCA	GAAGATTTC	AATGTATGGA	AGCTCTGGGC	840
ATGGAATCAG	GAGAAATTCA	TTCTGACCAG	ATCACAGCTT	CTTCCCAGTA	TAGCACCAC	900
TGGTCTGCAG	AGCGCTCCCG	CCTGAACTAC	CCTGAGAAATG	GGTGGACTCC	CGGAGAGGAT	960
TCCTACCGAG	AGTGGATACA	GGTAGACTTG	GGCCTTCTGC	GCTTTGTCTAC	GGCTGTGGGG	1020
ACACAGGGCG	CCATTTCAAA	AGAAACCAAG	AAGAAATATT	ATGTCAAGAC	TTACAAGATC	1080
GACGTTAGCT	CCAACGGGGA	AGACTGGATC	ACCATAAAAG	AAGGAAACAA	ACCTGTTCTC	1140
TTTCAGGGAA	ACACCAACCC	CACAGATGTT	GTGGTTGCAG	TATTCCCCAA	ACCACTGATA	1200
ACTCGATTG	TCCGAATCAA	GCTGCAACT	TGGGAACTG	GCATATCTAT	GAGATTGAA	1260
GTATACGGTT	GCAAGATAAC	AGATTATCCT	TGCTCTGGAA	TGTTGGGTAT	GGTGTCTGGA	1320
CTTATTTCTG	ACTCCCAGAT	CACATCATCC	AACCAAGGAG	ACAGAACTG	GATGCCTGAA	1380
AACATCCGCC	TGGTAACCAG	TCGCTCTGGC	TGGGCACCTC	CACCCGACCC	TCATTCTTAC	1440
ATCAATGAGT	GGCTCCAAAT	AGACCTGGGG	GAGGAGAAGA	TCGTGAGGGG	CATCATCATT	1500
CAGGGTGGGA	AGCACCGAGA	GAACAAGGTG	TTCATGAGGA	AGTTCAAGAT	CGGGTACAGC	1560
AACAACGGCT	CGGACTGGAA	GATGATCATG	GATGACAGCA	AACGCAAGGC	GAAGTCTTTT	1620
GAGGGCAACA	ACAACATATG	TACACCTGAG	CTGCGGACTT	TTCCAGCTCT	CTCCACGCGA	1680
TTTCATAGGA	TCTACCCCGA	GAGAGCCACT	CATGGCGGAC	TGGGGCTCAG	AATGGAGCTG	1740
CTGGGCTGTG	AAGTGAAGC	CCCTACAGCT	GGACCGACCA	CTCCCAACCG	GAACCTGGTG	1800
GATGAATGTG	ATGACGACCA	GGCCAACTGC	CACAGTGGAA	CAGGTGATGA	CTTCCAGCTC	1860
ACAGGTGGCA	CCACTGTGCT	GGCCACAGAA	AAGCCACCGG	TCATAGACAG	CACCATACAA	1920
TCAGAGTTTC	CAACATATGG	TTTTAACTGT	GAATTTGGCT	GGGGCTCTCA	CAAGACCTTC	1980
TGCCACTGGG	AACATGACAA	TCACGTGCAG	CTCAAGTGG	GTGTGTTGAC	CAGCAAGACG	2040
GGACCCATTG	AGGATCACAC	AGGAGATGGC	AATTCATCT	ATTCCCAAGC	TGACGAAAAT	2100
CAGAAGGGCA	AAGTGGCTCG	CCTGGTGAGC	CCTGTGGTTT	ATTCCCAGAA	CTCTGCCAC	2160
TGCATGACCT	TCTGGTATCA	CATGTCTGGG	TCCCACGTG	GCACACTCAG	GGTCAAACCTG	2220
CGCTACCAGA	AGCCAGAGGA	GTACGATCAG	CTGGTCTGGA	TGGCCATTGG	ACACCAAGGT	2280
GACCACTGGA	AGGAAGGGCG	TGTCTTGCTC	CACAAGTCTC	TGAAACTTTA	TCAGGTGATT	2340
TTGAGGGCG	AAATCGGAAA	AGGAACCTT	GGTGGGATTG	CTGTGGATGA	CATTAGTATT	2400
AATAACCACA	TTTACAAGA	AGATTGTGCA	AAACCAGCAG	ACCTGGATAA	AAAGAACCCA	2460
GAAATTAAAA	TTGATGAAAC	AGGGAGCACG	CCAGGATACG	AAGGTGAAGG	AGAAGGTGAC	2520
AAGAATCTCT	CCAGGAAGCC	AGGCAATGTG	TTGAAGACCT	TAGAACCCAT	CCTCATCACC	2580
ATCATAGCCA	TGAGCGCCCT	GGGGTCTCTC	CTGGGGGCTG	TCTGTGGGGT	CGTGCTGTAC	2640
TGTGCCTGTT	GGCATAATGG	GATGTCAGAA	AGAAACTTGT	CTGCCCTGGA	GAAGTATAAC	2700
TTTGAACCTG	TGGATGGTGT	GAAGTTGAAA	AAAGACAAAC	TGAATACACA	GAGTACTTAT	2760
TCGGAGGCAT	GA					2772

Fig. 5

ATGGAGAGGG	GGCTGCCGTT	GCTGTGCGCC	ACGCTCGCCC	TTGCCCTCGC	CCTGGGGGCT	60
TTCCGCAGCG	ATAAATGTGG	CGGGACTATA	AAAATTGAAA	ACCGGGGGTA	CCTTACATCT	120
CCCGGCTACC	CTCATTCTTA	CCATCCAAGT	GAGAAATGTG	AATGGCTAAT	CCAAGCTCCG	180
GAGCCCTACC	AGAGAATCAT	GATCAACTTC	AACCCACATT	TCGATTTGGA	GGACAGAGAC	240
TGCAAGTATG	ACTATGTGGA	AGTGATCGAT	GGAGAGAATG	AAGGTGGCCG	CCTGTGGGGG	300
AAGTTCTGTG	GGAAGATCGC	ACCTTCACCT	GTGGTGTCTT	CAGGGCCATT	TCTCTTCATC	360
AAATTTGTCT	CTGACTATGA	GACCCACGGG	GCAGGATTTT	CCATCCGCTA	TGAAATCTTC	420
AAGAGAGGGC	CCGAATGTTT	TCAGAACTAT	ACAGCACCTA	CTGGAGTGAT	AAAGTCCCTT	480
GGGTTCCTCG	AAAAATACCC	CAACAGCTTG	GAGTGCACCT	ACATCATCTT	TGCACCAAAG	540
ATGTCTGAGA	TAATCCTAGA	GTTTGAAAAGT	TTTGACCTGG	AGCAAGACTC	AAATCCTCCC	600
GGAGGAATGT	TCTGTGCTA	TGACCGGCTG	GAGATCTGGG	ATGGATTCCC	TGAAGTTGGC	660
CCTCACATTG	GGCGTTACTG	TGGGCAGAAA	ACTCCTGGCC	GGATCCGCTC	CTCTTCAGGC	720
ATTCTATCCA	TGGTCTTCTA	CACTGACAGC	GCAATAGCAA	AGGAAGGTTT	CTCAGCCAAC	780
TACAGCGTGC	TGCAGAGCAG	CATCTCTGAA	GATTTCAAGT	GTATGGAGGC	TCTGGGCATG	840
GAATCTGGAG	AGATCCATTG	TGACCAGATC	ACTGCATCTT	CCCAGTATGG	TACCAACTGG	900
TCTGTTGAGC	GCTCCCGCCT	GAACTACCTT	GAAAACGGGT	GGACACCAGG	AGAGGACTCC	960
TACAGGGAGT	GGATCCAGGT	GGACTTGGGC	CTCCTGCGAT	TCGTTACTGC	TGTGGGGACA	1020
CAGGGTGCCA	TTTCCAAGGA	AACCAAGAAG	AAATATTATG	TCAAGACTTA	CAGAGTAGAC	1080
ATCAGCTCCA	ACGGAGAGGA	CTGGATCACC	CTGAAGGAGG	GAAATAAAGC	CATTATCTTT	1140
CAGGGAACAC	CCAATCCCAC	GGATGTTGTC	TTTGGAGTTT	TCCCCAAACC	ACTGATAACT	1200
CGATTTGTCC	GAATCAAACC	TGCATCCTGG	GAAACTGGAA	TATCTATGAG	ATTTGAAAGT	1260
TATGGCTGCA	AGATAACAGA	TTACCCTTGC	TCTGGAATGT	TGGGCATGGT	GTCTGGACTT	1320
ATTTTCAGACT	CCCAGATTAC	AGCATCCAAC	CAAGGAGACA	GGAACTGGAT	GCCAGAAAAC	1380
ATCCGCCCTG	TGACCAAGTC	AACCGGCTGG	GCCCTGCCAC	CCTCACCCCA	CCCATACATC	1440
AATGAATGGC	TCCAAGTGGA	CCTGGGAGAT	GAGAAGATAG	TAAGAGGTGT	CATCATTCAA	1500
GGTGGGAAGC	ACCGAGAAAA	CAAAGTGTTT	ATGAGGAAGT	TCAAGATCGC	CTACAGTAAC	1560
AATGGTTCTG	ACTGGAAAAA	GATCATGGAT	GACAGCAAGC	GCAAGGCTAA	GTCTTTTGAA	1620
GGCAACAACA	ACTATGACAC	ACCTGAGCTC	CGGGCCTTTA	CACCTCTCTC	CACAAGATTC	1680
ATCAGGATCT	ACCCCGAGAG	AGCCACACAT	AGTGGGCTCG	GACTGAGGAT	GGAGCTACTG	1740
GGCTGTGAAG	TAGAAGTGCC	TACAGCTGGA	CCCACGACAC	CCAATGGGAA	CCCCGTGGAC	1800
GAGTGTGACG	ATGACCAGGC	CAACTGCCAC	AGTGGCACAG	GTGATGACTT	CCAGCTCACA	1860
GGAGGCACCA	CTGTCTTGGC	CACAGAGAAG	CCCACCATT	TAGACAGCAC	CATCCAATCA	1920
GAGTTCCCGA	CATACGGTTT	TAACCTGCGAG	TTTGGCTGGG	GCTCTCACAA	GACATTCTGC	1980
CACTGGGAAC	ATGACAGCCA	CGCGCAGCTC	AGGTGGAGGG	TGCTGACCAG	CAAGACGGGG	2040
CCCATTACAG	ACCACACAGG	AGATGGCAAC	TTCATCTATT	CCCAGCTGA	TGAAAATCAG	2100
AAAGGCAAAG	TAGCCCGCCT	GGTGAAGCCT	GTGGTCTATT	CCCAGAGTTC	TGCCCCACTGC	2160
ATGACCTTCT	GGTATCACAT	GTCCGGCTCT	CATGTGGGTA	CACTGAGGGT	CAAACCTGCAC	2220
TACCAGAAGC	CAGAGGAATA	TGATCAACTG	GTCTGGATGG	TGGTCGGGCA	CCAAGGAGAC	2280
CACTGGAAGG	AAGGGCGTGT	CTTGCTGCAC	AAATCTCTGA	AACTGTATCA	GGTTATTTTT	2340
GAAGGTGAAA	TCCGAAAAGG	AAACCTCGGT	GGGATTGCTG	TGGATGATAT	CAGTATTAAAC	2400
AACCACATTC	CTCAGGAGGA	CTGTGCAAAA	CCAACAGACC	TAGATAAAAA	GAACACAGAA	2460
ATTAATAATAG	ATGAAACAGG	GAGCACCCCA	GGATATGAAG	AAGGGAAAGG	CGACAAGAAC	2520
ATCTCCAGGA	AGCCAGGCAA	TGTGCTTAAG	ACCCTGGACC	CCATCCTGAT	CACCATCATA	2580
GCCATGAGTG	CCCTGGGGGT	GCTCCTGGGT	GCAGTCTGTG	GAGTTGTGCT	GTACTGTGCC	2640
TGTTGGCACA	ATGGGATGTC	GGAAGGAAC	CTATCTGCCC	TGGAGAACTA	TAACTTTGAA	2700
CTTGTGGATG	GTGTAAAGTT	GAAAAAGAT	AAACTGAACC	CACACAGTAA	TTACTCAGAG	2760
CGGTGA						2766

Fig. 6

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TTTTTTTTTT	TTTTTTTTTT	TTTTTTTTTT	TTTTCTCTCC	TTCTTCTTCT	TCCTGAGACA	60
TGGCCCGGGC	AGTGGCTCCT	GGAAGAGGAA	CAAGTGTGGG	AAAAGGGAGA	GGAAATCGGA	120
GCTAAATGAC	AGGATGCAGG	CGACTTGAGA	CACAAAAAGA	GAAGCGCTTC	TCGCGAATTC	180
AGGCATTGCC	TCGCCGCTAG	CCTTCCCCGC	CAAGACCCGC	TGAGGATTTT	ATGGTTCTTA	240
GGCGGACTTA	AGAGCGTTTC	GGATTGTAA	GATTATCGTT	TGCTGGTTTT	TCGTCCGCGC	300
AATCGTGTTC	TCCTGCGGCT	GCCTGGGGAC	TGGCTTGGCG	AAGGAGGATG	GAGAGGGGGC	360
TGCCGTGTCT	GTGCGCCACG	CTCGCCCTTG	CCCTCGCCCT	GGCGGGCGCT	TTCCGCAGCG	420
ACAAATGTGG	CGGGACCATA	AAAATCGAAA	ACCCAGGGTA	CCTCACATCT	CCCGGTTACC	480
CTCATTCTTA	CCATCCAAGT	GAGAAGTGTG	AATGGCTAAT	CCAAGCTCCG	GAACCTTACC	540
AGAGAATCAT	AATCAACTTC	AACCCACATT	TCGATTTGGA	GGACAGAGAC	TGCAAGTATG	600
ACTACGTGGA	AGTAATTGAT	GGGGAGAATG	AAGGCGGCCG	CCTGTGGGGG	AAGTTCTGTG	660
GGAAGATTGC	ACCTTCTCCT	GTGGTGTCTT	CAGGGCCCTT	TCTCTTCATC	AAATTTGTCT	720
CTGACTATGA	GACACATGGG	GCAGGGTTTT	CCATCCGCTA	TGAAATCTTC	AAGAGAGGGC	780
CCGAATGTTT	TCAGAACTAT	ACAGCACCTA	CTGGAGTGAT	AAAGTCCCCT	GGGTTCCCTG	840
AAAAATACCC	CAACTGCTTG	GAGTGCACCT	ACATCATCTT	TGCACCAAAG	ATGTCTGAGA	900
TAATCCTGGA	GTTTGAAAGT	TTTGACCTGG	AGCAAGACTC	GAATCCTCCC	GGAGGAATGT	960
TCTGTGCGTA	TGACCGGCTG	GAGATCTGGG	ATGGATTCCC	TGAAAGTTGGC	CCTCACATTG	1020
GGCGTTATTG	TGGGCAGAAA	ACTCCTGGCC	GGATCCGCTC	CTCTTCAGGC	GTTCTATCCA	1080
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AGATCCATTC	TGATCAGATC	ACTGCATCTT	CACAGTATGG	TACCAACTGG	TCTGTAGAGC	1260
GCTCCCGCCT	GAACTACCCT	AAAAATGGGT	GGACTCCAGG	AGAAGACTCC	TACAAGGAGT	1320
GGATCCAGGT	GGACTTGGGC	CTCCTGCGAT	TCGTACTGTC	TGTAGGGACA	CAGGGTGCCA	1380
TTTCCAAGGA	AACCAAGAAG	AAATATTATG	TCAAGACTTA	CAGAGTAGAC	ATCAGCTCCA	1440
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CCAACCCAC	AGATGTTGTC	TTAGGAGTTT	TCTCCAAACC	ACTGATAACT	CGATTTGTCC	1560
GAATCAAACC	TGTATCTGCG	GAAACTGGTA	TATCTATGAG	ATTTGAAAGT	TATGGCTGCA	1620
AGATAACAGA	TTATCCTTGC	TCTGGAATGT	TGGGCATGGT	GTCTGGACTT	ATTTCAAGCT	1680
CCCAGATTAC	AGCATCCAAT	CAAGCCGACA	GGAATTGGAT	GCCAGAAAAC	ATCCGTCTGG	1740
TGACCAAGTC	TACCGGCTGG	GCACCTGCCAC	CCTCACCCCA	CCCATACACC	AATGAATGGC	1800
TCCAAGTGGA	CCTGGGAGAT	GAGAAGATAG	TAAGAGGTGT	CATCATTGAG	GGTGGGAAGC	1860
ACCGAGAAAA	CAAGGTGTTT	ATGAGGAAGT	TCAAGATCGC	CTATAGTAAC	AATGGCTCTG	1920
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ACTATGACAC	ACCTGAGCTT	CGGACGTTTT	CACCTCTCTC	CACAAGGTTC	ATCAGGATCT	2040
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ACGACCAGGC	CAACTGCCAC	AGTGGCACAG	GTGATGACTT	CCAGCTCACA	GGAGGCACCA	2220
CTGTCTCTGC	CACAGAGAAG	CCAACCATTA	TAGACAGCAC	CATCCAATCA	GAGTCCCCGA	2280
CATACGGTTT	TAACCTGCGAG	TTTGGCTGGG	GCTCTCACAA	GACATTCTGC	CACTGGGAGC	2340
ATGACAGCCA	TGCACAGCTC	AGGTGGAGTG	TGCTGACCAG	CAAGACAGGG	CCGATTGAGG	2400
ACCATACAGG	AGATGGCAAC	TTCATCTATT	CCCAAGCTGA	TGAAAATCAG	AAAGGCAAAG	2460
TAGCCCGCCT	GGTGAGCCCT	GTGGTCTATT	CCGAGAGCTC	TGCCCCACTG	ATGACCTTCT	2520
GGTATCACAT	GTCCGGCTCT	CATGTGGGTA	CACTGAGGGT	CAAACTACGC	TACCAGAAGC	2580
CAGAGGAATA	TGATCAACTG	GTCTGGATGG	TGGTTGGGCA	CCAAGGAGAC	CACTGGAAGG	2640
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GGAAAGCCAG	CAATGTGCTT	AAGACCCTGG	ATCCCATCCT	GATCACCATC	ATAGCCATGA	2940
GTGCCCTGGG	AGTACTCCTG	GGTGCACTCT	GTGGAGTTGT	GCTGTACTGT	GCCTGTTGGC	3000
ACAATGGGAT	GTCAGAAAAG	AACCTATCTG	CCCTGGAGAA	CTATAACTTT	GAACCTGTGG	3060
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ACTCTGTTAC	TCTGCTTTCA	CTGTAAGCTG	GGAAGGGCGG	GGACTCTGTT	ACTCCGCTTT	3240
CACTGTAAAG	TCGGAAGGGC	ATCCACGATG	CCATGCCAGG	CTTTTCTCAG	GAGCTTCAAT	3300
GAGCGTCAAC	TACAGACACA	ACAGGTTGAC	TGCGGTAACA	ACAGGAATCA	TGTACAAGCC	3360
TGCTTTCTTC	TCTTGGTTTC	ATTTGGGTAA	TCAGAAGCCA	TTTGAGACCA	AGTGTGACTG	3420
ACTTCATGGT	TCATCCTACT	AGCCCCCTTT	TTTCTCTCTT	TTCTCCTTAC	CCTGTGGTGG	3480
ATTCTTCTCG	GAAACTGCAA	AATCCAAGAT	GCTGGCACTA	GGCGTTATTC	AGTGGGCCCT	3540
TTTGATGGAC	ATGTGACCTG	TAGCCCAAGT	CCAGAGCAT	ATTATCATAA	CCACATTTCA	3600
GGGACGCCCA	ACGTCCATCC	ACCTTGTGAT	CGCTACCTGC	AGCGAGCACA	GG	3652

Fig. 7